

Serial No: 10/068,480

Docket No. 2001-0506

CLAIMS

1. Canceled.

2. (Currently Amended) A method for providing wired line telephone and mobile telephone cross-usage comprising:

a) activating call forwarding of incoming wired line telephone calls to a subscriber's mobile telephone upon removal of said mobile telephone from a customer premises equipment (CPE) cradle; and

b) de-activating call forwarding of incoming wired line telephone calls to the subscriber's mobile telephone upon placement of said mobile telephone into said CPE cradle.

~~The method according to claim 1,~~ wherein activating call forwarding of incoming wired line telephone calls to said subscriber's mobile telephone further comprises:

detecting by said CPE cradle an absence of the mobile telephone upon removal of said mobile telephone from said CPE cradle;

seizing by said CPE cradle of a wired line by going off-hook;

placing a telephone call to a subscriber's Local Exchange Carrier (LEC) end office (EO);

communicating by said CPE cradle key sequences and a call forwarding telephone number that causes the LEC's existing call forwarding feature to be activated; and

hanging up by said CPE cradle after having activated call forwarding to the mobile telephone,

whereby incoming wired line telephone calls are thereupon forwarded to the mobile telephone by means of said LEC.

3. (Currently Amended) A method for providing wired line telephone and mobile telephone cross-usage comprising:

a) activating call forwarding of incoming wired line telephone calls to a subscriber's mobile telephone upon removal of said mobile telephone from a customer premises equipment (CPE) cradle; and

b) de-activating call forwarding of incoming wired line telephone calls to the subscriber's mobile telephone upon placement of said mobile telephone into said CPE cradle.

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~~The method according to claim 1~~, wherein de-activating call forwarding of incoming wired line telephone calls to said subscriber's mobile telephone further comprises:

- detecting by said CPE cradle that said mobile telephone is in said CPE cradle when the mobile telephone unit is placed into the CPE cradle;
- seizing a wired line by said CPE cradle by going off-hook;
- placing a telephone call by said CPE cradle to the subscriber's Local Exchange Carrier (LEC) end office (EO);
- communicating by said CPE cradle key sequences and a call forwarding telephone number that causes the LEC's existing call forwarding feature to be de-activated; and
- hanging up by said CPE cradle, having de-activated call forwarding to the mobile telephone,
- whereby incoming wired line telephone calls are thereupon directed to said wired line.

4. (Currently Amended) The method according to ~~claim 1~~claim 2 further comprising:

- activating call forwarding of incoming mobile telephone calls to a subscriber's wired line telephone upon placement of said mobile telephone into a customer premises equipment (CPE) cradle; and
- de-activating call forwarding of incoming mobile telephone calls to the subscriber's wired line telephone upon removal of said mobile telephone from said CPE cradle.

5. (Previously Presented) The method according to claim 4, wherein said activating call forwarding of incoming mobile telephone calls to said subscriber's wired line telephone further comprises:

- detecting by said CPE cradle a placing of said mobile telephone in said CPE cradle when said mobile telephone is placed in said CPE cradle;
- seizing by said CPE cradle a wired line;
- placing by said CPE cradle a telephone call to a pre-specified activation telephone number to a Call Forwarding Activation De-Activation Server (CFADS) to activate call forwarding to the wired line telephone;

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receiving by CFADS said telephone call from said CPE cradle on said pre-specified activation telephone number;
activating call forwarding of incoming calls to said mobile telephone to said wired line telephone using an Automatic Number Identification (ANI) by CFADS; and
hanging up said wired line by said CPE cradle, having activated mobile telephone call forwarding to the home

6. (Previously Presented) The method according to claim 4, wherein de-activating call forwarding of incoming mobile telephone calls to a subscriber's wired line telephone further comprises:

detecting by said CPE cradle a removal of said mobile telephone from said CPE cradle;

seizing a wired line by said CPE cradle;

dialing by said CPE cradle a pre-specified de-activation telephone number to a Call Forwarding Activation De-Activation Server (CFADS) in order to de-activate call forwarding of incoming mobile telephone calls to said subscriber's wired line telephone;

receiving by CFADS said telephone call on said pre-specified de-activation telephone number;

de-activating said call forwarding of incoming mobile telephone calls for said mobile telephone to said wired line telephone by using Automatic Number Identification (ANI); and

hanging up said wired line by said CPE cradle, having de-activated mobile telephone call forwarding to the home.

7-36. Canceled.

37. (New) The method according to claim 3 further comprising:

activating call forwarding of incoming mobile telephone calls to a subscriber's wired line telephone upon placement of said mobile telephone into a customer premises equipment (CPE) cradle; and

de-activating call forwarding of incoming mobile telephone calls to the subscriber's wired line telephone upon removal of said mobile telephone from said CPE cradle.

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38. (New) The method according to claim 37, wherein said activating call forwarding of incoming mobile telephone calls to said subscriber's wired line telephone further comprises:

detecting by said CPE cradle a placing of said mobile telephone in said CPE cradle when said mobile telephone is placed in said CPE cradle;

seizing by said CPE cradle a wired line;

placing by said CPE cradle a telephone call to a pre-specified activation telephone number to a Call Forwarding Activation De-Activation Server (CFADS) to activate call forwarding to the wired line telephone;

receiving by CFADS said telephone call from said CPE cradle on said pre-specified activation telephone number;

activating call forwarding of incoming calls to said mobile telephone to said wired line telephone using an Automatic Number Identification (ANI) by CFADS; and

hanging up said wired line by said CPE cradle, having activated mobile telephone call forwarding to the home

39. (New) The method according to claim 37, wherein de-activating call forwarding of incoming mobile telephone calls to a subscriber's wired line telephone further comprises:

detecting by said CPE cradle a removal of said mobile telephone from said CPE cradle;

seizing a wired line by said CPE cradle;

dialing by said CPE cradle a pre-specified de-activation telephone number to a Call Forwarding Activation De-Activation Server (CFADS) in order to de-activate call forwarding of incoming mobile telephone calls to said subscriber's wired line telephone;

receiving by CFADS said telephone call on said pre-specified de-activation telephone number;

de-activating said call forwarding of incoming mobile telephone calls for said mobile telephone to said wired line telephone by using Automatic Number Identification (ANI); and

hanging up said wired line by said CPE cradle, having de-activated mobile telephone call forwarding to the home.